

OIPE #4

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 8/22/2001
 Edited by: *[Signature]*
 Verified by: *[Signature]* (STIC stat)

Serial Number: 09/778,516

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbago" at the beginning/end of files; ☐ secretary initials/lastname at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: inserted hard return after seq 2

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING

DATE: 08/22/2001

PATENT APPLICATION: US/09/778,516

TIME: 18:14:43

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08222001\I778516.raw

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5      Lo, Ming Ching
6      Liau, Pei-Ru
8 <120> TITLE OF INVENTION: LAC SHUTTLE VECTORS
11 <130> FILE REFERENCE: 12875-002001
13 <140> CURRENT APPLICATION NUMBER: 09/778,516
14 <141> CURRENT FILING DATE: 2001-02-07
16 <150> PRIOR APPLICATION NUMBER: TW 89110235
17 <151> PRIOR FILING DATE: 2000-05-26
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RAW SEQUENCE LISTING

DATE: 08/22/2001

PATENT APPLICATION: US/09/778,516

TIME: 18:14:43

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Output Set: N:\CRF3\08222001\I778516.raw

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/778,516

DATE: 08/22/2001

TIME: 18:14:44

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08222001\I778516.raw

OIPE

RAW SEQUENCE LISTING

DATE: 07/25/2001

PATENT APPLICATION: US/09/778,516

TIME: 13:06:40

Input Set : A:\12875-002001.TXT

Output Set: N:\CRF3\07252001\I778516.raw

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 5 Lo, Ming Ching
 6 Liau, Pei-Ru
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 11 <130> FILE REFERENCE: 12875-002001
 13 <140> CURRENT APPLICATION NUMBER: 09/778,516
 14 <141> CURRENT FILING DATE: 2001-02-07
 16 <150> PRIOR APPLICATION NUMBER: TW 89110235
 17 <151> PRIOR FILING DATE: 2000-05-26
 19 <160> NUMBER OF SEQ ID NOS: 6
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

165 <210> SEQ ID NO: 2
 166 <211> LENGTH: 8115
 167 <212> TYPE: DNA
 168 <213> ORGANISM: Lactobacillus plantarum
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RAW SEQUENCE LISTING

DATE: 07/25/2001

PATENT APPLICATION: US/09/778,516

TIME: 13:06:40

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Output Set: N:\CRF3\07252001\I778516.raw

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RAW SEQUENCE LISTING

DATE: 07/25/2001

PATENT APPLICATION: US/09/778,516

TIME: 13:06:40

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RAW SEQUENCE LISTING

DATE: 07/25/2001

PATENT APPLICATION: US/09/778,516

TIME: 13:06:40

Input Set : A:\12875-002001.TXT

Output Set: N:\CRF3\07252001\I778516.raw

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296 tgtaacagct gacttcccag ggcggaaga agctggtctc ttgccagcct ttggcttgaa 7560
297 cctggccctg ccaaaagaac tgaccgatta ccgctactat ggtctgggac ctaatgagag 7620
298 ctaccagac cgcttggaag gtaattacct gggcatctac caggagcgg taaaaaagaa 7680
299 ctttagccca tatcgccgc aggaacggg caaccggagc aagggtcgct ggtaccagct 7740
300 ctttgatgaa aagggcggtc tggaaatttac ggccaatggg gcagacttga acttgtctgc 7800
301 tttgccatat tctgccgcc aaattgaagc agcggaccac gcttttgaac tgactaacia 7860
302 ttacacttgg gttagagcct taagcgccca gatggggggtc ggcgggggatg actcctgggg 7920
303 gcagaaggtc caccggaat tctgcctgga tgctcaaaaa gcccgccagc ttcgctggt 7980
304 gattcagccc cttttactaa aataaatgct acaattgact taacaggatg aaattttagt 8040
305 aaaagcaaag cgagtgagga agatggcaac gatcagagaa gtgccaaggc agccggcgtg 8100
E--> 306 tcgctagcga cggtc 8115<210> 3
307 <211> LENGTH: 30
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: oligonucleotide for PCR
W--> 314 <210> SEQ ID NO:
E--> 314 <400> SEQUENCE: 3
315 aagctcatga ttggcagcca gtctccgggc 30
E--> 317 <210> SEQ ID NO: 4

```

hand return

VERIFICATION SUMMARY

DATE: 07/25/2001

PATENT APPLICATION: US/09/778,516

TIME: 13:06:41

Input Set : A:\12875-002001.TXT

Output Set: N:\CRF3\07252001\I778516.raw

L:306 M:254 E: No. of Bases conflict, LENGTH:Input:3 Counted:8117 SEQ:2
L:306 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9
L:306 M:252 E: No. of Seq. differs, <211>LENGTH:Input:8115 Found:8117 SEQ:2
L:314 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:314 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:3
L:317 M:214 E: (33) Seq.# missing, SEQ ID NO:3